

ABSTRACT OF THE DISCLOSURE

The present invention provides a metallic power connector for PCB-to-PCB attachment using surface mount technology. The connector has a cross section that is in the shape of a hollow trapezoid. Parallel sides of the trapezoid are adapted for connecting to contact pads on the PCBs with differently shaped footprints. The non-parallel sides of the trapezoid provide structural stability and rigidity not found in prior art SMT connectors. The inventive metallic SMT power connector allows for power and heat flow from a first PCB to a second PCB, and is compatible with automated SMT processes.